

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY  
MISCELLANEOUS STATION ANALYSES

PROCESS DATE 4-06-15

Date	Time	Alum- inum, water, fltrd, ug/L (01106)	Barium, water, fltrd, ug/L (01005)	Beryll- ium, water, fltrd, ug/L (01010)	Cadmium water, fltrd, ug/L (01025)	Chrom- ium, water, fltrd, ug/L (01030)	Copper, water, fltrd, ug/L (01040)	Iron, water, fltrd, ug/L (01046)	Lead, water, fltrd, ug/L (01049)	Manga- nese, water, fltrd, ug/L (01056)	Nickel, water, fltrd, ug/L (01065)	Silver, water, fltrd, ug/L (01075)	Zinc, water, fltrd, ug/L (01090)
375902097363803 24S 03W 11AAAA03 RB-02 SOURCE WATER (LAT 37 59 02N LONG 097 36 38W)													
JUN 2014													
11...	1000	--	--	--	--	--	--	--	--	--	--	--	--
11...	1001	<20	96.0	<4.00	<0.05	<10.0	24.0	<100	0.12	71.0	3.3	<10.0	8.0
11...	1005	--	--	--	--	--	--	--	--	--	--	--	--
11...	1006	<20	96.0	<4.00	<0.05	<10.0	24.0	<100	0.13	69.0	3.2	<10.0	8.0
375906097365001 24S 03W 11AABB01 RB2-MN SHALLOW (LAT 37 59 06N LONG 097 36 49W)													
JUL 2014													
07...	1005	--	--	--	--	--	--	--	--	--	--	--	--
07...	1006	<20	66.0	<4.00	<0.05	<10.0	<10.0	13200	0.12	829	69.6	<10.0	12.0
07...	1010	--	--	--	--	--	--	--	--	--	--	--	--
07...	1011	<20	68.0	<4.00	<0.05	<10.0	<10.0	13700	<0.10	857	70.0	<10.0	12.0
375906097365002 24S 03W 11AABB02 RB2-MN DEEP (LAT 37 59 06N LONG 097 36 49W)													
JUL 2014													
07...	1235	--	--	--	--	--	--	--	--	--	--	--	--
07...	1236	<20	20.0	8.00	0.09	<10.0	<10.0	<100	<0.10	137	48.6	<10.0	18.0
375954097363801 24S 03W 02AADA01 RB1-MS SHALLOW (LAT 37 59 54N LONG 097 36 38W)													
JUL 2014													
16...	0940	--	--	--	--	--	--	--	--	--	--	--	--
16...	0941	<20	133	<4.00	<0.05	<10.0	<10.0	1310	<0.10	136	2.3	<10.0	5.0
375954097363802 24S 03W 02AADA02 RB1-MS DEEP (LAT 37 59 54N LONG 097 36 38W)													
JUL 2014													
16...	1155	--	--	--	--	--	--	--	--	--	--	--	--
16...	1156	<20	178	<4.00	<0.05	<10.0	<10.0	300	<0.10	494	1.7	<10.0	<5.0
375958097364601 24S 03W 02AABB01 RB1-MN SHALLOW (LAT 37 59 58N LONG 097 36 46W)													
JUL 2014													
16...	0935	--	--	--	--	--	--	--	--	--	--	--	--
16...	0936	<20	337	4.00	<0.05	<10.0	<10.0	7060	0.21	470	4.7	<10.0	8.0

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Date	Anti-mony, water, fltrd, ug/L (01095)	Arsen- ate, water, fltrd, ug/L (62453)	Arsen- ite, water, fltrd, ug/L (01000)	Boron, water, fltrd, ug/L (62452)	Selen- ium, water, fltrd, ug/L (01020)	Di- methyl- arsin- ate, wat flt as As (01145)	Mono- methyl- arson- ate, wat flt as As (62455)	Di- methyl- methyl- arson- ate, as As (62454)
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375902097363803 24S 03W 11AAAA03 RB-02 SOURCE WATER (LAT 37 59 02N LONG 097 36 38W)

JUN 2014

11...	--	6.4	--	0.2	--	--	<0.3	<0.8
11...	M	--	7.6	--	45	2.0	--	--
11...	--	6.9	--	<0.2	--	--	<0.3	<0.8
11...	M	--	7.6	--	39	1.9	--	--

375906097365001 24S 03W 11AABB01 RB2-MN SHALLOW (LAT 37 59 06N LONG 097 36 49W)

JUL 2014

07...	--	3.9	--	5.6	--	--	<0.3	<0.8
07...	M	--	11.8	--	41	1.9	--	--
07...	--	3.6	--	5.7	--	--	<0.3	<0.8
07...	<0.05	--	11.9	--	40	2.1	--	--

375906097365002 24S 03W 11AABB02 RB2-MN DEEP (LAT 37 59 06N LONG 097 36 49W)

JUL 2014

07...	--	2.2	--	<0.2	--	--	<0.3	<0.8
07...	M	--	3.6	--	33	1.7	--	--

375954097363801 24S 03W 02AADA01 RB1-MS SHALLOW (LAT 37 59 54N LONG 097 36 38W)

JUL 2014

16...	--	3.0	--	1.6	--	--	<0.3	<0.8
16...	M	--	6.1	--	33	0.7	--	--

375954097363802 24S 03W 02AADA02 RB1-MS DEEP (LAT 37 59 54N LONG 097 36 38W)

JUL 2014

16...	--	1.4	--	15.6	--	--	<0.3	<0.8
16...	M	--	16.8	--	25	0.9	--	--

375958097364601 24S 03W 02AABB01 RB1-MN SHALLOW (LAT 37 59 58N LONG 097 36 46W)

JUL 2014

16...	--	2.8	--	4.8	--	--	<0.3	<0.8
16...	M	--	10.8	--	37	5.2	--	--

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Date	Arsen- ate, mony, water, fltrd, ug/L (01095)		Arsen- ite, Arsenic water, fltrd, ug/L (01000)		Boron, water, fltrd, ug/L (62452)		Selen- ium, water, fltrd, ug/L (01020)		Di- arsin- ate, water, fltrd, ug/L (01145)		methyl- arson- ate, water, fltrd, ug/L (62455)		Mono- methyl- arson- ate, water, fltrd, ug/L (62454)	
	as As (62453)	as As (62453)	as As (62452)	as As (62452)	ug/L (01020)	ug/L (01020)	ug/L (01145)	ug/L (01145)	ug/L (62455)	ug/L (62455)	as As (62454)	as As (62454)		

375958097364602 24S 03W 02AABB02 RB1-MN DEEP (LAT 37 59 58N LONG 097 36 46W)

JUL 2014  
 16... -- 7.3 -- 0.3 -- -- <0.3 <0.8  
 16... M -- 16.4 -- 28 2.0 -- -- --  
 16... -- -- -- -- -- -- -- -- --

380042097363701 23S 03W 36BBBB01 RR4-MS (LAT 38 00 42N LONG 097 36 37W)

JUL 2014  
 08... -- 2.9 -- 5.9 -- -- <0.3 <0.8  
 08... M -- 10.6 -- 24 1.3 -- -- --  
 08... -- -- -- -- -- -- -- -- --

380051097362802 23S 03W 36BBBA02 RR4-ME DEEP (LAT 38 00 50N LONG 097 36 28W)

JUL 2014  
 08... -- 2.4 -- 0.3 -- -- <0.3 <0.8  
 08... <0.05 -- 4.4 -- 26 2.3 -- -- --  
 08... -- -- -- -- -- -- -- -- --

380051097364402 23S 03W 35AAAA02 RR4-MW DEEP (LAT 38 00 50N LONG 097 36 44W)

JUL 2014  
 08... -- 2.6 -- 4.2 -- -- <0.3 <0.8  
 08... <0.05 -- 8.7 -- 22 2.4 -- -- --  
 08... -- -- -- -- -- -- -- -- --

380142097363702 23S 03W 25BBBB02 RR3-MS-1 (LAT 38 01 41N LONG 097 36 37W)

JUL 2014  
 09... -- 1.3 -- 3.6 -- -- <0.3 <0.8  
 09... <0.05 -- 5.5 -- <20 <0.5 -- -- --  
 09... -- -- -- -- -- -- -- -- --

380228097363801 23S 03W 23AADA01 RR2-MS (LAT 38 02 28N LONG 097 36 38W)

JUL 2014  
 09... -- 1.2 -- 4.0 -- -- <0.3 <0.8  
 09... <0.05 -- 6.2 -- <20 <0.5 -- -- --  
 09... -- -- 1.2 -- 3.9 -- -- <0.3 <0.8  
 09... <0.05 -- 6.2 -- <20 <0.5 -- -- --  
 09... -- -- -- -- -- -- -- -- --

380329097363706 23S 03W 12CCCC06 RRW-01 SOURCE WATER (LAT 38 03 29N LONG 097 36 37W)

DEC 2014  
 02... -- 6.3 -- 1.0 -- -- <0.3 <0.8  
 02... -- -- -- -- -- -- -- -- --

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Date	Time	Alum- inum, water, ug/L (01106)	Barium, water, ug/L (01005)	Beryll- ium, water, ug/L (01010)	Cadmium water, ug/L (01025)	Chrom- ium, water, ug/L (01030)	Copper, water, ug/L (01040)	Iron, water, ug/L (01046)	Lead, water, ug/L (01049)	Manga- nese, water, ug/L (01056)	Nickel, water, ug/L (01065)	Silver, water, ug/L (01075)	Zinc, water, ug/L (01090)
380329097363706 23S 03W 12CCCC06 RRW-01 SOURCE WATER (LAT 38 03 29N LONG 097 36 37W)													
DEC 2014 02...	1101	<20	143	<4.00	<0.05	<10.0	12.0	<100	<0.10	266	1.3	<10.0	9.0
380336097363701 23S 03W 12CCBC01 RR1-MN (LAT 38 03 35N LONG 097 36 36W)													
JUL 2014 21... 21...	1040 1041	-- <20	-- 202	-- 4.00	-- <0.05	-- <10.0	-- <10.0	-- 630	-- <0.10	-- 436	-- 1.2	-- <10.0	-- <5.0

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	Arsen-	Arsen-	Boron,	Selen-	Di-	Mono-
Date	ate, mony, water, fltrd, ug/L (01095)	ite, Arsenic water, fltrd, ug/L (01000)	water, fltrd, ug/L (62452)	ium, water, fltrd, ug/L (01020)	arsin- ate, wat flt ug/L (01145)	arson- ate, wat flt ug/L (62455)
	ate, as As (62453)	ite, as As (62452)	Boron, as As (62452)	Selen- ium, water, fltrd, ug/L (01145)	Di- methyl- arsin- ate, as As (62455)	Mono- methyl- arson- ate, as As (62454)

380329097363706 23S 03W 12CCCC06 RRW-01 SOURCE WATER (LAT 38 03 29N LONG 097 36 37W)

DEC 2014  
 02... M -- 7.6 -- <20 <0.5 -- --

380336097363701 23S 03W 12CCBC01 RR1-MN (LAT 38 03 35N LONG 097 36 36W)

JUL 2014  
 21... -- 3.4 -- 3.6 -- <20 <0.3 -- <0.8  
 21... <0.05 -- 8.4 -- <20 <0.5 -- --

Remark codes used in this table:

< -- less than

M -- presence verified but not quantified